

## Upgrade of Storage Ring Section-6 Pictures.

### Background:

The APS Storage Ring consists of 40 sectors, each about 22 meters long and made of 6 sections (see Figure 1). Sections-1 to 5 have girders with various conventional magnets on them that are identical in every sector. These sections have remained basically unchanged since their installation. Section-6, however, varies from sector to sector and is frequently upgraded. For instance, Section-6 in Sector 39 (also called injection straight) contains the injection girder that was upgraded in January 2004. In Sectors 36, 37, 38 and 40 this section contains RF cavities and several changes were made to these sections. In the remaining sectors, various combination of undulators are installed in Section-6

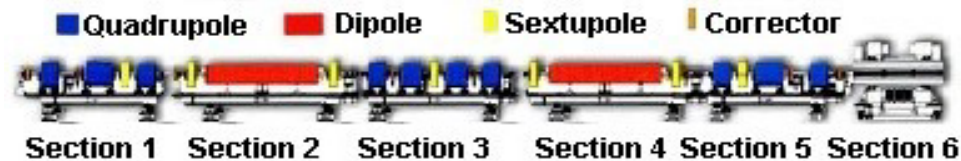


Fig. 1: A Typical Sector of the APS Storage Ring

### TASK:

- Update pictures for section-6 of various sectors. Instructions are in the document “replacing\_sector\_pictures.doc”.